



SEQUENCE LISTING

<110> Hyung-Kwon Lim
Jung Hwan Park
Sung-Geun Kim

<120> TRANSFORMED SACCHAROMYCES CEREVISIAE AND
METHOD FOR MASS-PRODUCTION OF LK8 PROTEIN USING THE SAME

<130> 118.24USWO

<140> 10/587,155

<141> 2006-07-25

<150> KR04/05033

<151> 2004-01-27

<150> PCT/KR2005/000124

<151> 2005-01-26

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 258

<212> DNA

<213> Homo sapiens

<220>

<221> gene

<222> (1)...(258)

<223> LK8 cDNA

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| actgggacgc catgccagga atgggctgcc caggagcccc atagacacag cacgttcatt | 120 |
| ccagggacaa ataaatgggc aggtctggaa aaaaattact gccgtaacc tgatggtgac | 180 |
| atcaatggtc cctggtgcta cacaatgaat ccaagaaaac tttttgacta ctgtgatatc | 240 |
| cctctctgtg catcctct | 258 |

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<211> 255

<212> DNA

<213> Saccharomyces cerevisiae

<220>

<221> sig_peptide

<222> (1)...(255)

<223> alpha-factor secretion signal

<400> 2

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| atgagatttc | cttcaatttt | tactgcagtt | ttattcgcag | catcctccgc | attagctgct | 60 |
| ccagtcaaca | ctacaacaga | agatgaaacg | gcacaaattc | cggctgaagc | tgcatcgggt | 120 |
| tactcagatt | tagaagggga | tttcgatgtt | gctgttttgc | cattttccaa | cagcaciaat | 180 |
| aacgggttat | tgtttataaa | tactactatt | gccagcattg | ctgctaaaga | agaaggggta | 240 |
| tctctcgaga | aaaga | | | | | 255 |